CLAIMS

What is claimed is:

1. A projection television having a screen to provide a picture, comprising:

a cover provided to a front portion of the screen; and

a screen rear supporting assembly provided to a rear portion of the screen to support the rear of the screen, the screen rear supporting assembly comprising:

a fixing bracket coupled with an edge of the rear of the screen,

a supporting bracket provided with an inclined rib having an inclined surface inclined along a transverse direction to a rear surface of the screen and facing the rear surface of the screen to connect to a rear of the fixing bracket, and

a connecting bracket to connect the supporting bracket and the fixing bracket.

2. The projection television according to claim 1, wherein the supporting bracket further comprises:

a first supporter disposed approximately parallel to a surface of the screen; and

a second supporter bent in a transverse direction to the surface of the first supporter, and the inclined rib protruding from an inner surface of the second supporter.

3. The projection television according to claim 2, wherein the inclined rib is of an approximately triangular section.

4. The projection television according to claim 2, wherein the connecting bracket further comprises:

a contacting part to contact with the inclined surface of the inclined rib; and

a connecting part bent from the contacting part towards a transverse direction to the surface of the second supporter.

5. The projection television according to claim 3, wherein the connecting bracket further comprises:

a contacting part to contact with the inclined surface of the inclined rib; and

a connecting part bent from the contacting part towards a transverse direction to a surface of the second supporter.

6. The projection television according to claim 4, further comprising:

an inserting slit formed along a lengthwise direction of the inclined surface of the inclined rib.

7. The projection television according to claim 6, wherein the fixing bracket further comprises:

a coupling part coupled with the rear edge of the screen;

a groove extending from the coupling part at an inclined angle corresponding to the inclined surface of the inclined rib disposed between the contacting part and the inclined surface of the inclined rib; and

an inserting part bent from an edge of the groove to be inserted into the inserting slit.

8. The projection television according to claim 5, wherein the supporting bracket further comprises:

an inserting slit formed along a lengthwise direction of the inclined surface of the inclined rib; and

the fixing bracket further comprises:

a coupling part to coupled with the edge of the rear of the screen,

a groove extending from the coupling part at an inclined angle corresponding to the inclined surface of the inclined rib disposed between the contacting part and the inclined surface of the inclined rib, and

an inserting part bent from an edge of the groove to be inserted into the inserting slit.

9. The projection television according to claim 6, wherein the projection television further comprises:

a first screw hole provided to the inclined rib to be coupled with a screw; and

a second screw hole provided to the connecting part, and placed coaxially with the first screw hole.

10. The projection television according to claim 7, wherein the projection television further comprises:

a first screw hole provided to the inclined rib to be coupled with a screw; and

a second screw hole provided to the connecting part, and placed coaxially with the first screw hole.

11. The projection television according to claim 8, wherein the first supporter of the supporting bracket further comprises:

a screwdriver inserting hole placed to correspond to the first screw hole to allow a screwdriver to pass therethrough.

12. The projection television according to claim 9, wherein the first supporter of the supporting bracket further comprises:

a screwdriver inserting hole placed to correspond to the first screw hole to allow a screwdriver to pass therethrough.

13. The projection television according to claim 1, further comprising:

a connecting protrusion formed on one of the inclined rib and the connecting bracket; and

a connecting protrusion accommodating groove formed on the other of the inclined rib and the connecting bracket.

14. The projection television according to claim 10, further comprising:

a connecting protrusion formed on one of the inclined rib and the connecting bracket; and

a connecting protrusion accommodating groove formed on the other of the inclined rib and the connecting bracket.

15. The projection television according to claim 11, wherein further comprising:

a connecting protrusion formed on one of the inclined rib and the connecting bracket; and

a connecting protrusion accommodating groove formed on the other of the inclined rib and the connecting bracket.

16. A projection television having a screen and a screen rear support assembly to support the screen, comprising:

a fixing bracket coupled with rear edge of the screen;

a supporting bracket connected to a rear of the fixing bracket; and

a plurality of connecting brackets disposed around the fixing bracket to connect the supporting bracket and the fixing bracket.

17. The projection television according to claim 16, wherein the supporting bracket further comprises:

a first supporter disposed parallel to a surface of the screen;

a second supporter provided adjacent to the first supporter; and

an inclined rib protruding from an inner surface of the second supporter.

18. The projection television according to claim 17, wherein the inclined rib further comprises:

an inclined surface inclined along a transverse direction to a rear surface of the screen and facing the rear surface of the screen;

an inserting slit formed along a lengthwise direction to allow insertion of an inserting part of the fixing bracket;

a first screw hole provided to the inclined rib and facing the first supporter; and

a connecting protrusion spaced apart from the first screw hole to be inserted in a connecting protrusion accommodating groove of the plurality of connecting brackets.

19. The projection television according to claim 18, wherein the first supporter further comprises:

a screwdriver inserting hole placed corresponding to the first screw hole.

20. The projection television according to claim 16, wherein the plurality of connecting brackets further comprises:

at least one contacting part to contact with the inclined surface of the inclined rib; and

at least one connecting part bent from the contacting part towards a transverse direction to a surface of the second supporter.

21. The projection television according to claim 20, wherein the at least one connecting part further comprises:

a second screw hole placed coaxially with the first screw hole of the inclined rib.

22. The projection television according to claim 17, wherein the inclined rib is provided in accordance with a direction of insertion of a screwdriver to prevent the screwdriver from moving forward to the screen.

23. The projection television according to claim 16, wherein the fixing bracket further comprises:

a coupling part coupled with the rear edge of the screen;

a groove extending from the coupling part at an inclined angle corresponding to the inclined surface of the inclined rib and disposed between the contacting part and the inclined surface of the inclined rib; and

an inserting part bent from an edge of the groove to be inserted into the inserting slit.